ABSTRACT

A system and method for facilitating excavating a below grade opening at a construction site in a parcel of land includes a first vehicle having a motor operably connected to at least a pair of traction members and a second excavating vehicle. The motor is operably connected to a first receiver for receiving a signal from a remotely controlled transmitter to actuate the motor. Upon actuation of the motor, the motor rotates the traction members for maneuvering the first vehicle within the opening. The first vehicle has a graduated measurement device mounted generally vertically thereon for remotely controlled vertical telescopic movement. A second beam receiver is mounted to the graduated measurement device for receiving a laser beam from a laser transmitter to facilitate precise determination of the depth of the floor of the opening.